

LAND APPLICATION SITE

ZACK X. WANG

FQZXW 1-5

FAUQUIER COUNTY

VPA 00054

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION
FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

SECTION I. PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

A. This land application agreement is made on 1/13/2014 between Jiarong Ying referred to here as "Landowner", and Recyc Systems, Inc., referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.

Landowner:

The Landowner is the owner of record of the real property located in Bealeton, Virginia, which includes the agricultural, silvicultural or reclamation sites identified below in Table 1 and identified on the tax map(s) attached as Exhibit A.

Table 1.: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
7808-29-2641	7808-28-1475		

Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

Check one: The Landowner is the sole owner of the properties identified herein.

The Landowner is one of multiple owners of the properties identified herein.

In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall:

1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

The Landowner has no other agreements for land application on the fields identified herein. The Landowner will notify the Permittee immediately if conditions change such that the fields are no longer available to the Permittee for application or any part of this agreement becomes invalid or the information herein contained becomes incorrect.

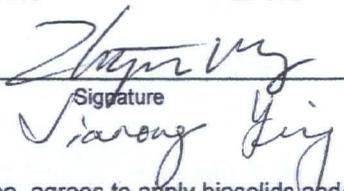
The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.

Class B biosolids	Water treatment residuals	Food processing waste	Other industrial sludges
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Zhijing Wang

Landowner – Printed Name, Title

Jiarong Ying
Permittee


Signature

983 Depot Rd

Phone

Boxborough, MA 01719

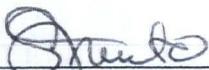
(518)894-733

Mailing Address & Phone Number

Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with §10.1-104.2 of the Code of Virginia.

The Permittee agrees to notify the Landowner or the Landowner's designee of the proposed schedule for land application and specifically prior to any particular application to the Landowner's land. Notice shall include the source of residuals to be applied.

I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)



Permittee – Authorized Representative
Printed Name

Signature

PO Box 562 Remington, Virginia 22734

Mailing Address

Permittee: Recyc Systems, Inc

County or City: Fauquier

Landowner: Zhijing Wang
Jiarong Ying

Landowner Site Management Requirements:

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.

2. Public Access

- a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
- b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
- c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.

3. Crop Restrictions:

- a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
- b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil,
- c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
- d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
- e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).

4. Livestock Access Restrictions:

Following biosolids application to pasture or hayland sites:

- a. Meat producing livestock shall not be grazed for 30 days,
- b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
- c. Other animals shall be restricted from grazing for 30 days;

5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia;

6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Zhijing Wang

Landowner's Signature

1/13/14

Date

Jiarong Ying

1-29-2014

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recyc Systems, Inc

County or City: Fauquier

Landowner: Zhijing Wang

Landowner Site Management Requirements:

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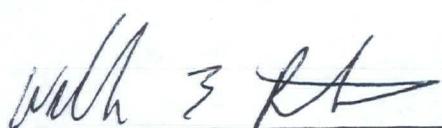
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6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

Landowner's Signature

Date



Bill Ritchie

Farm Operator Signature

5253 Ingle Wood Farm Rd.
Bealeton, VA 22712

Mailing Address & Phone Number

540-272-6906

FARM DATA SHEET

SITE NAME:	Zack Wang	COUNTY:	Fauquier
OWNER:	Zhijing Wang and Jiarong Ying	OPERATOR:	Bill Ritchie
OWNER'S ADDRESS:	983 Depot Road Boxborough, MA 01719	OPERATOR'S ADDRESS:	5253 Inglewood Farm Road Bealeton, VA 22712
OWNER'S TELEPHONE:	518-894-7334	OPERATOR'S TELEPHONE:	540-439-0656
GENERAL FARM TYPE:	Row Crops	CELL PHONE:	540-272-6906
# CATTLE:	None	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	38°32'09"
TOPO QUAD:	Midland	LONGITUDE:	77°43'57"
COMMENTS: 			

BB 

RECYC SYSTEMS, INC
FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood			
FQZXW 1	21.4	63A Nov.-May 67B Dec.-Apr. 79A Nov.-Mar.	-	-	79A Dec.-Feb.	RA 17	7807-29-2641	T 2785 F 2
FQZXW 2	26.3	63A Nov.-May 67B Dec.-Apr. 79A Nov.-Mar.	-	-	5A Nov.-Mar. 79A Dec.-Feb.	RA 17	7807-29-2641	T 2785 F 1
FQZXW 3	49.4	63A Nov.-May 79A Nov.-Mar.	-	-	5A Nov.-Mar. 79A Dec.-Feb.	RA 17	7807-28-1475 7807-29-2641	T 2785 F 1, 3, 4, 5
FQZXW 4	16.7	63A Nov.-May 79A Nov.-Mar.	-	-	79A Dec.-Feb.	RA 17	7807-28-1475 7807-29-2641	T 2785 F 5
FQZXW 5	12.3	62B Nov.-May 63A Nov.-May 67B Dec.-Apr.	-	-	-	RA 17	7807-28-1475	T 2785 F 6
TOTAL ACRES IN SITE	126.1							

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: Recyc Systems Inc. Site Name: Zack Wang

County or City: Fauquier

Please Print Signature not required on this page

Tax Parcel ID(s)	Landowners (s)
7807-29-2641	Zhijing Wang and Jiarong Ying
7807-28-1475	Zhijing Wang and Jiarong Ying



Send To: RECYC SYSTEMS INC
 SUSAN TRUMBO
 8455 WHITESHOP RD
 CULPEPER VA 22701

www.aeastern.com

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Grower: ZACK WANG/FQZXXW
 FAUQUIER CO
 Submitted By: BB
 Farm ID:

SOIL ANALYSIS REPORT

Date Of Report: 01/23/2014

Date Of Analysis: 01/23/2014

Analytical Method(s):
 Mehlich 3

Sample ID Field ID	Lab Number	Organic Matter		Phosphorus		Potassium		Magnesium		Calcium		Sodium		pH		Acidity		C.E.C.	
		%	Rate	ENR lbs/A	Mehlich 3 ppm	Reserve ppm	K ppm	Mg ppm	Ca ppm	Na ppm	Soil pH	Buffer Index	H meq/100g						
1	20974	3.4	M	107	30	L	74	L	107	M	1064	H	6.1	6.83	1.0	7.4			
2	20975	4.0	M	118	32	M	62	L	121	M	1318	H	6.3	6.84	0.9	8.7			
3A	20977	3.3	M	104	26	L	55	VL	164	H	1210	H	6.3	6.84	0.9	8.4			
3B	20978	3.5	M	108	18	L	59	L	160	H	1064	M	5.9	6.79	1.4	8.2			
4	20979	3.5	M	106	25	L	88	L	164	M	1361	H	6.1	6.80	1.3	9.7			
Percent Base Saturation																			
Sample ID Field ID	K %	Mg %	Ca %	Na %	H %	NO ₃ N ppm	S ppm	Zn ppm	Mn ppm	Iron ppm	Copper ppm	Boron ppm	Chloride ppm	Soluble Salts ms/cm	SS Rate	Cl ppm	Aluminum ppm	Al ppm	
1	2.6	12.0	71.9		13.8														
2	1.8	11.6	75.7		10.5														
3A	1.7	16.3	72.0		10.6														
3B	1.8	16.3	64.9		17.2														
4	2.3	14.1	70.2		13.8														

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High) ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.
 Analysis prepared by: A&L Eastern Laboratories, Inc.

by: *Pawic McGeary*

Paulic McGroarty



www.aleastern.com

A&L Eastern Laboratories

7621 Whipple Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC
 SUSAN TRUMBO
 8455 WHITESHOP RD
 CULPEPER VA 22701

Date Received: 01/22/2014
Date Of Report: 01/23/2014

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P ₂ O ₅ lb/A	Potash K ₂ O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
1	Adjust pH to 6.8	0	1.3					0					
2	Adjust pH to 6.8	0	1.0					0					
3A	Adjust pH to 6.8	0	1.0					0					
3B	Adjust pH to 6.8	0	1.8					0					
4	Adjust pH to 6.8	0	1.5					0					

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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Pauric McGroarty

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Send To: RECYC SYSTEMS INC
 SUSAN TRUMBO
 8455 WHITESHOP RD
 CULPEPER VA 22701

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Submitted By: BB
 Farm ID:
 Grower: ZACK WANG/FQZXXW
 FAUQUIER CO

SOIL ANALYSIS REPORT

Date Of Analysis: 01/23/2014

Date Of Report: 01/23/2014

Analytical Method(s):
 Mehlich 3

Sample ID Field ID	Lab Number	Organic Matter			Phosphorus			Potassium			Magnesium			Calcium			Sodium			pH			Acidity			
		%	Rate	ENR lbs/A	Mehlich 3 ppm	Reserve Rate	K ppm	Mg Rate	Ca ppm	Na Rate	ppm	Soil pH	Buffer Index	H meq/100g	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	C.E.C.	
5	20980	4.4	M	120	30	L			112	M	218	M	1687	M				6.0	6.74	1.9	12.5					
		Percent Base Saturation			Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Chloride	Aluminum												
		K %	Mg %	Ca %	Na %	H %	NO ₃ N ppm	S Rate	Zn Rate	Mn Rate	Fe Rate	Cu Rate	B Rate	SS Rate	Cl Rate	Al ppm										
5		2.3	14.5	67.5	15.3																					

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), msc/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts msc/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.
 Analysis prepared by: A&L Eastern Laboratories, Inc.

Submitted By: BB
 Farm ID:
 Grower: ZACK WANG/FQZXXW
 FAUQUIER CO

by: *Paulie McGroarty*

Paulie McGroarty



Send To: RECYC SYSTEMS INC
 SUSAN TRUMBO
 8455 WHITESHOP RD
 CULPEPER VA 22701

Date Received: 01/22/2014
 Date Of Report: 01/23/2014

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P ₂ O ₅ lb/A	Potash K ₂ O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
5	Adjust pH to 6.8	0	1.8				0						

Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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Paulie McGroary

Paulie McGroary

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Submitted By: BB
 Farm ID:
Grower:
 ZACK WANG/FQZXW
 FAUQUIER CO

THE PLANNER IS NOT STATE CERTIFIED

**Nutrient Management Plan Balance Sheet
(Spring, 2014-Summer, 2016)**

Zack X. Wang

Planner: Recyc Systems, Inc

Tract: 2785 Location: Fauquier
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosol Rate & Type (season)	IT (a)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes
2/FQZWXW 1(N)	21/21	2014	Soybeans (FS)	0-60-60	0/0			0-60-60		N/A		
1/FQZWXW 2(N)	26/26	2014	Soybeans (FS)	0-60-60	0/0			0-60-60		N/A		
1, 3, 4, 5/FQZWXW 3(N)	49/49	2014	Soybeans (FS)	0-60-60	0/0			0-60-60		N/A		
5/FQZWXW 4(N)	17/17	2014	Soybeans (FS)	0-60-60	0/0			0-60-60		N/A		
6/FQZWXW 5(N)	12/12	2014	Soybeans (FS)	0-60-60	0/0			0-60-60		N/A		

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
2785	FQZXW 1	21	2014-Wi	M (30 P ppm)	M (74 K ppm)	A&L MIII	6.1		
2785	FQZXW 2	26	2014-Wi	M (32 P ppm)	M- (62 K ppm)	A&L MIII	6.3		
2785	FQZXW 3	49	2014-Wi	M- (26 P ppm)	M- (55 K ppm)	A&L MIII	6.3		
2785	FQZXW 4	17	2014-Wi	M (25 P ppm)	M- (88 K ppm)	A&L MIII	6.1		
2785	FQZXW 5	12	2014-Wi	M (30 P ppm)	M+ (112 K ppm)	A&L MIII	6.		

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
2785	2785/2	FQZXW 1	21	Kelly	V	V	Not Suited	IV	
	2785/1	FQZXW 2	26	Jackland	IVb	IV	III	III	
	2785/1, 3,	FQZXW 3	49	Kelly	IVb	IV	III	III	
4	2785/5	FQZXW 4	17	Kelly	V	V	Not Suited	IV	
	2785/6	FQZXW 5	12	Kelly	V	V	Not Suited	IV	
							Suited		

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	>170	>80	>64	>6	>4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan: New Plan **Spring, 2014 - Summer, 2016**

Farm Name: Zack X. Wang
Location: Fauquier
Specialist: Recyc Systems, Inc
N-based Acres: 126.1
P-based Acres: 0.0

Tract Name: 2785
FSA Number: 2785
Location: Fauquier

Field Name: FQZWXW 1
Total Acres: 21.40 Usable Acres: 21.40
FSA Number: 2
Tract: 2785
Location: Fauquier
Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:
DATE PH P K
Wi-2014 6.1 M(30 P ppm) M(74 K ppm)
A&L MIII
Lab

Soils:
PERCENT SYMBOL SOIL SERIES
79 63A Kelly
4 67B Haymarket Jackland
2 78A Dulles

13	79A	Albano
2	167B	Haymarket
1	167C	Haymarket Montalto

Field Warnings:

Crop Rotation:

PLANTED	YIELD
2014-Sp	20.4 * bushel(s)

CROP NAME	
Soybeans (FS) - No Till	

Field Name: FQZXXW 2

Total Acres:	26.30	Usable Acres:	26.30
FSA Number:	1		
Tract:	2785		
Location:	Fauquier		
Slope Class:	B	Hydrologic Group:	C

Riparian buffer width: 0 ft
 Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K
Wi-2014	6.3	M(32 P ppm)	M-(62 K ppm)

Soils:

PERCENT	SYMBOL	SOIL SERIES
20	5A	Rowland
4	63A	Kelly
61	67B	Haymarket Jackland
2	79A	Albano
2	167B	Haymarket
11	167C	Haymarket Montalto

Lab

Crop Rotation:
PLANTED YIELD
2014-Sp 27.4 * bushel(s)

CROP NAME
Soybeans (FS) - No Till

Field Name: FQZWX 3
Total Acres: 49.40 Usable Acres: 49.40
FSA Number: 1, 3, 4, 5
Tract: 2785
Location: Fauquier
Slope Class: B Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:
DATE PH K
Wi-2014 6.3 M-(26 P ppm) M-(55 K ppm)
A&L Mill

Soils:
PERCENT SYMBOL SOIL SERIES
8 5A Rowland
44 63A Kelly
42 74B Ashburn
6 79A Albano

Field Warnings:

Crop Rotation:
PLANTED YIELD
2014-Sp 30.8 bushel(s)

CROP NAME
Soybeans (FS) - No Till

Field Name: FQZWX 4
Total Acres: 16.70 Usable Acres: 16.70

FSA Number: 5
Tract: 2785
Location: Fauquier
Slope Class: A Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	Lab
Wi-2014	6.1	M(25 P ppm)	M-(88 K ppm)	A&L MIII

	PERCENT	SYMBOL	SOIL SERIES
72		63A	Kelly
28		79A	Albano

Field Warnings:

CROP ROTATION:	YIELD	CROP NAME
PLANTED	20.0 bushel(s)	Soybeans (FS) - No Till

Field Name:

Total Acres: 12.30

FSA Number: 6

Tract: 2785

Location: Fauquier

Slope Class: B

Hydrologic Group: C

Riparian buffer width: 0 ft
Distance to stream: 0 ft

P-Index Summary
N-based
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE	PH	P	K	A&L MIII
Wi-2014	6.0	M(30 P ppm)	M+(112 K ppm)	Lab

Soils:

	PERCENT	SYMBOL	SOIL SERIES
4		62B	Sycoline
53		63A	Kelly
9		67B	Haymarket Jackland
34		167B	Haymarket

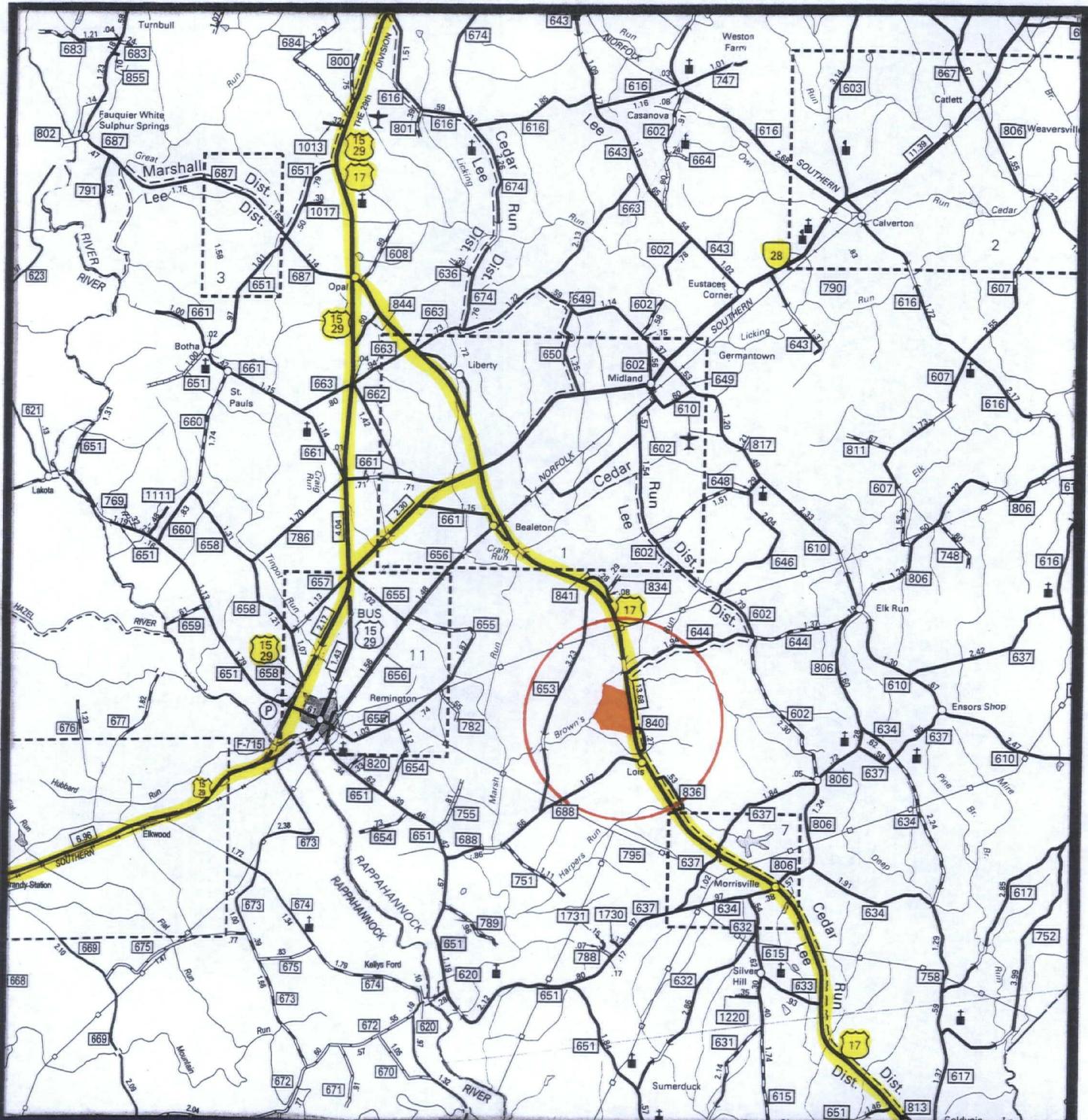
Field Warnings:

CROP ROTATION:	PLANTED	YIELD	CROP NAME
	2014-Sp	20.0 * bushel(s)	Soybeans (FS) - No Till

MAPS

Recyc Systems™ Inc.

(Biosolids Land Application)



FQZXW 1-5

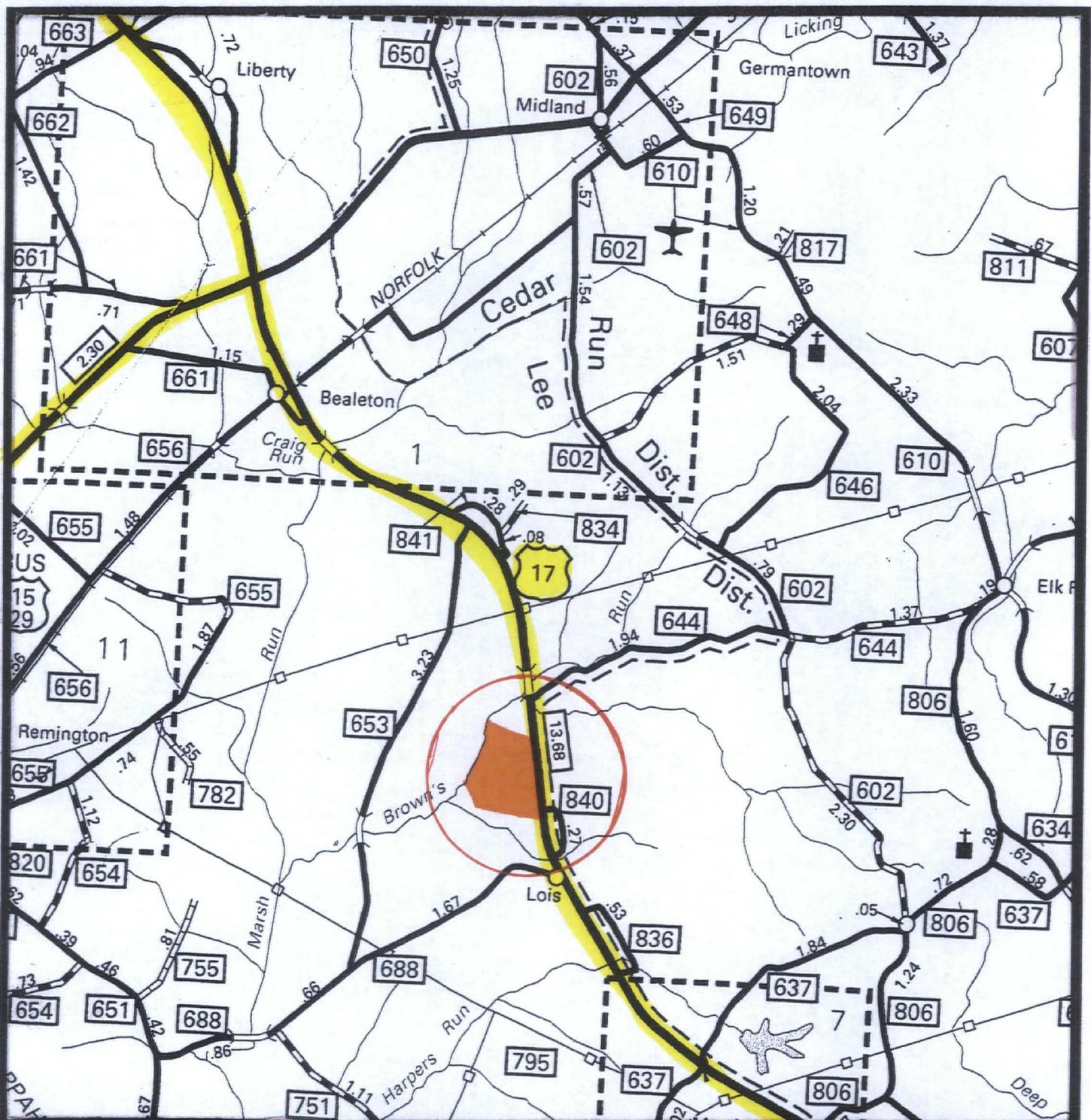
VICINITY MAP



Recyc Systems™

Inc.

(Biosolids Land Application)



Scale:

1" = 1 mile

FQZXW 1-5

VICINITY MAP



Recyc Systems™

Inc.

(Biosolids Land Application)



06:54 AM.

Tax Map # 6897, 7807, 7808

Scale:

1" = 660 ft.

FQZXW 1-5

TAX MAP



ADJOINING LANDOWNERS

Zack Wang

FAUQUIER COUNTY

Tax Map Parcel #	Owner Name(s)
6897-98-2656	Ida L. Pankey Estate
7807-16-6622	The Don and Diane Rhynalds Living Trust, Diane W. Rhynalds Trustee and Don J. Rhynalds Trustee
7807-37-8733	Lisa Godfrey Jenkins
7807-38-7285	Larry W. Kemper
7807-39-9611	Family Worship Center Trustees, Pamela S. and Thomas B. Hugill
7807-47-2207	Alma Linda and Robert B. James
7807-47-2535	Audrey E. and Thomas G. James
7807-48-1397	Sharon H. and Stephen R. Rice
7808-20-2808	Katherine M. and Willie H. Washington
7808-20-8399	Katherine M. and Willie H. Washington
7808-30-4116	Lois Volunteer Fire Department and Rescue Squad Inc.

Recyc Systems™

Inc.

(Biosolids Land Application)



Soil Map—Fauquier County, Virginia



Scale:

1" = 660 ft.

FQZXW 1-5

SOIL MAP

N
A

Recyc Systems™

Inc.

(Biosolids Land Application)



UNITED STATES DEPARTMENT OF
AGRICULTURE
Farm Service Agency

FSN 2647 T 2785



Digital Orthophotography
Not to Scale



Scale:

1" = 660 ft.

FQZXW 1-5

AERIAL MAP

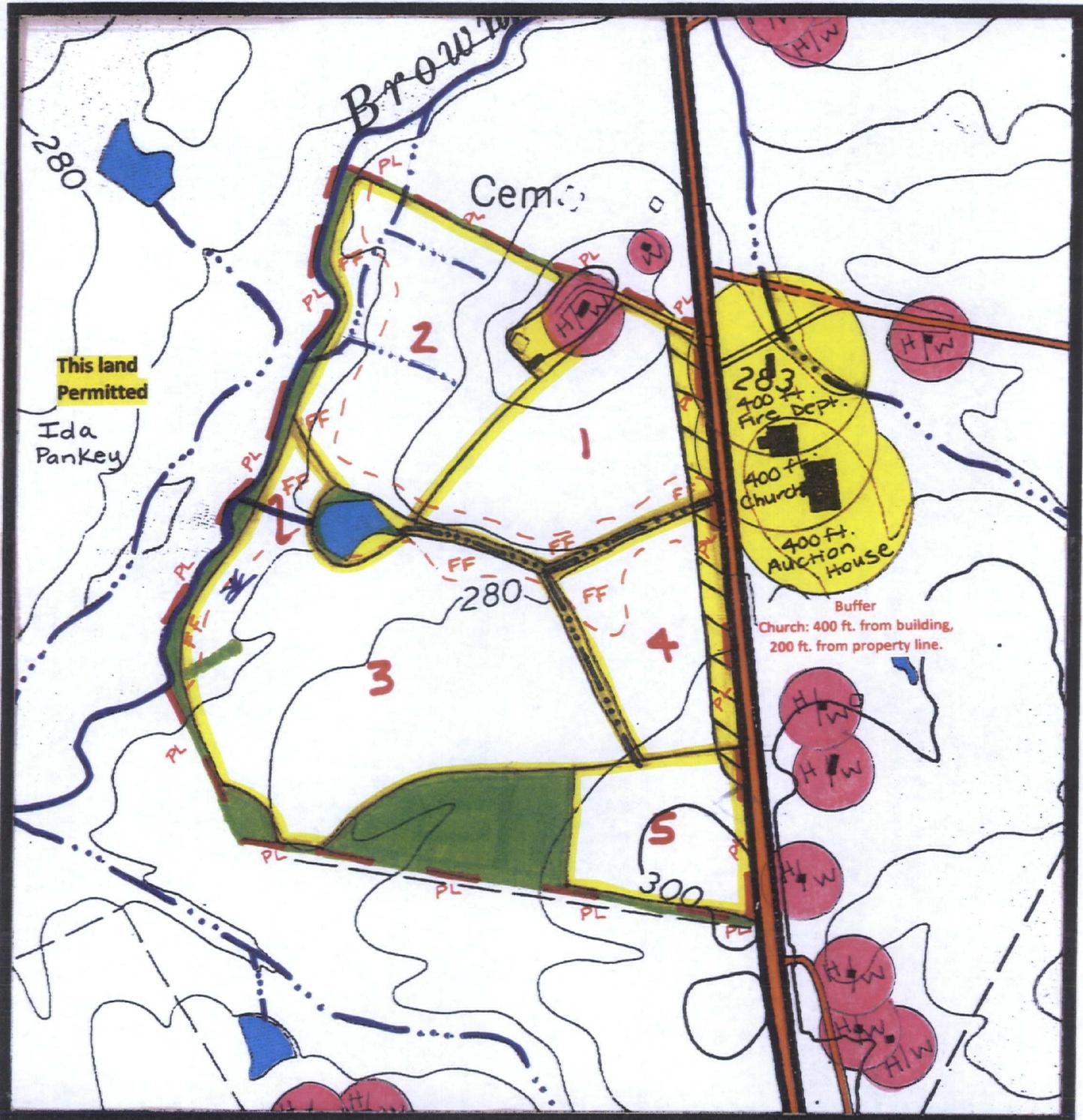


Legend for Site Plan

	House and Well
	Well / Spring
	Perennial Streams & Surface
	Wet Spot
	Intermittent Stream / Drainage
	Trees and Woods
	Private Drive
	Rock / Rocky Area
	Sinkhole
	Severely Eroded Spot
	State Road
	Field Boundary / Fence
	Property Line
	Slope
	Frequent Flooded Soil

Recyc Systems™ Inc.

(Biosolids Land Application)



Scale:

1" = 660 ft.

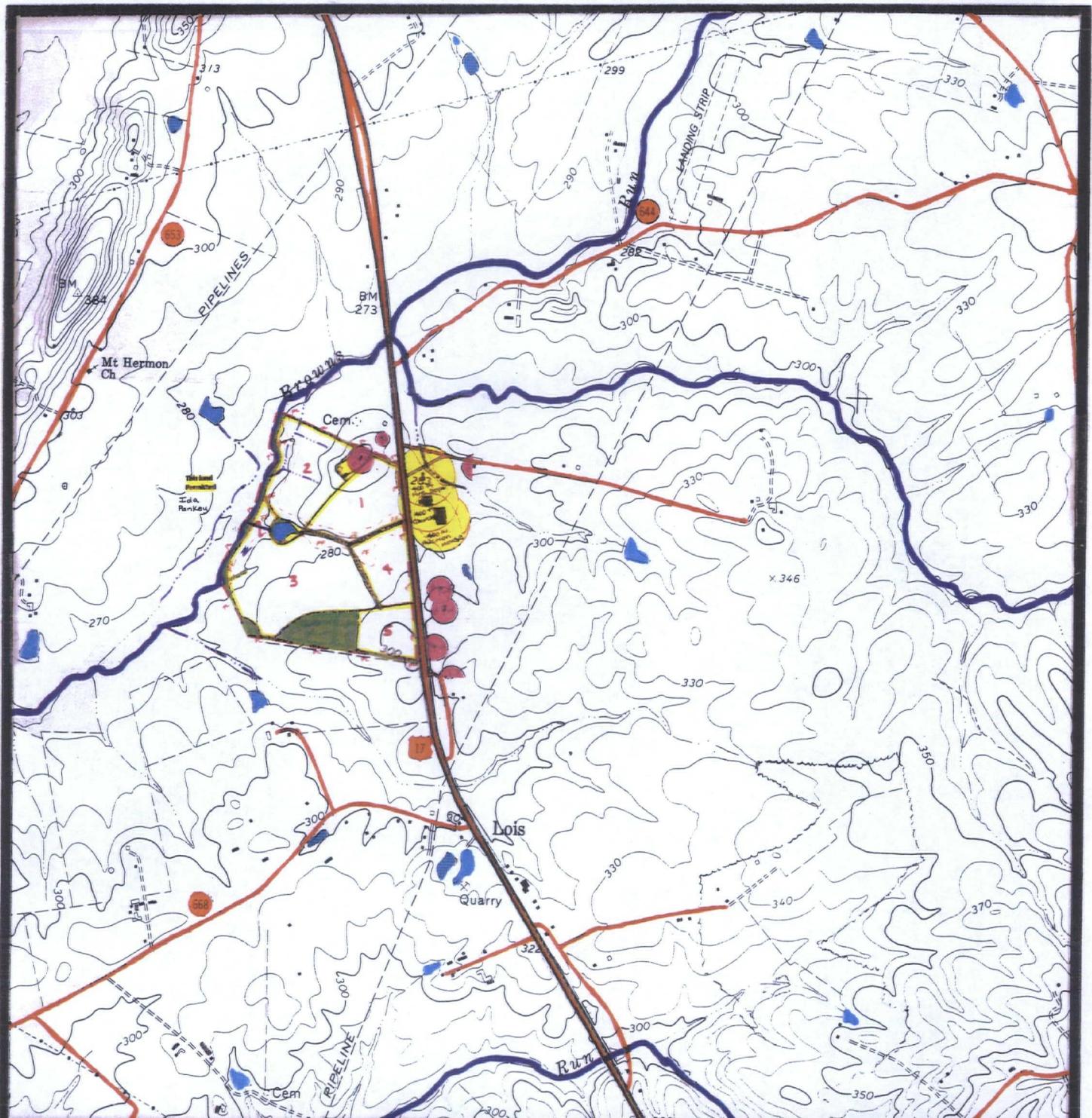
FQZXW 1-5

SITE PLAN



Recyc Systems™ Inc.

(Biosolids Land Application)



Scale: 1" = 2000 ft.

FQZXW 1-5

TOPOGRAPHIC MAP

N
A